

5/

Notice of Allowability	Application No.	Applicant(s)	
	10/629,518	MITSUMORI ET AL.	
	Examiner	Art Unit	
	Thai D. Hoang	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Application filed on 7/29/2003.
2. ☒ The allowed claim(s) is/are 1-3, 6-22 and 25-38 have been renumbered as 1-34 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>6/6/07</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|---|---|

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Damon A. Rieth on 6/4/2007 and 6/7/2007.

The application has been amended as follows:

Amendments to the Specification:

Page 1 replace paragraphs from line 10 to line 20 with the following paragraphs:

Patent Application Serial No. 09/827,352, titled ALTERNATE ROUTING OF VOICE COMMUNICATIONS IN A PACKET-BASED NETWORK, filed April 6, 2001;

Patent Application Serial No. [[____]] 10/629,517, titled SYSTEM AND METHOD FOR PROVIDING ALTERNATE ROUTING IN A NETWORK, filed concurrently herewith, ~~Attorney Docket No. 5630/6~~; and

Patent Application Serial No. [[____]] 10/629,521, titled SYSTEM AND METHOD FOR MONITORING COMMUNICATIONS IN A NETWORK, filed concurrently herewith, ~~Attorney Docket No. 5630/7~~.

Replace paragraphs from page 7, line 15 to page 8, line 15, with the following paragraphs:

VoIP endpoints 100 generally maintain and execute client software to facilitate VoIP, as well as other types of communications. For example, according to one embodiment of the invention, VoIP endpoints 100 maintain and execute client software that adheres to the H.323 standard, which provides a foundation for audio, video, and data communications across IP-based networks 115. The H.323 standard and its related annexes, available from the H.323 Forum at www.h323forum.org and at the International Telecommunication Union on the World Wide Web at www.itu.int, is hereby incorporated herein by reference in its entirety. Additionally, H.323 is an umbrella standard that describes the architecture of the conferencing system and refers to a set of other standards (H.245, H.225.0, Q.931, and others) to describe its actual protocol. Alternatively, the system may be implemented using H.323 analogous signaling techniques and other methods associated with Session Initiation Protocol ("SIP"), Media Gateway Control Protocol ("MGCP"), or other well-known protocols for transporting voice and other related data over communications networks.

Each VoIP endpoint 100 is associated with one or more identifying network addresses. For example, in some embodiments a VoIP endpoints 100 is associated with an E. 164 address as defined in the International Telecommunication Union's international public telecommunication numbering plan, available on the World Wide Web at <http://www.itu.int/ITU-T/publications/index.html> and hereby incorporated herein by reference in its entirety. Alternatively, in other embodiments, VoIP endpoints 100 are

associated with IP addresses, H.323 IDs, SIP URLs, MGCP endpoint names, and other network address identifiers known in the art. In some embodiments, for example where a PBX is fronted by a VoIP gateway, endpoints may comprise digital or analog phones associated with E. 164 addresses and other network address identifiers known in the art.

Replace paragraph from page 9, line 22 to page 10, line 15, with the following paragraph:

The enterprise gatekeeper 130 functions as a central management component for the system and, among other things, is generally responsible for providing communication routing and control decisions to various elements of the system such as call mediators 105, translation gatekeepers 135, inbound gatekeepers 140, inbound gateways 145, outbound gatekeepers 150, outbound gateways 155, inbound directory gatekeepers 160, outbound directory gatekeepers 165, reporting servers 170, and other devices or software modules. According to embodiments of the invention, the enterprise gatekeeper 130 also functions in conjunction with various elements of the system such as call mediators 105, translation gatekeepers 135, inbound gatekeepers 140, inbound gateways 145, outbound gatekeepers 150, outbound gateways 155, inbound directory gatekeepers 160, outbound directory gatekeepers 165, and other devices or software modules to process and route communications between network endpoints as further described in Application Serial No. [_____] 10/629,517, titled SYSTEM AND METHOD FOR PROVIDING ALTERNATE ROUTING IN A NETWORK, filed concurrently herewith, and in Application Serial No. 09/452,915, titled MULTISERVICE

NETWORK, filed December 1, 1999, ~~attorney docket number GTE 99-302~~, both of which are hereby incorporated by reference in their entirety.

Replace paragraph from page 11, line 13 to page 12, line 8, with the following paragraph:

The enterprise gatekeeper 130 contains a logging engine 195 generally directed, among other things, to recording communication details and other information associated with communications processed by the enterprise gatekeeper 130. According to some embodiments, the logging engine 195 records communication details and information when the enterprise gatekeeper processes a H.323 registration request ("RRQ"), a registration confirm ("RCF"), a registration request ("RRJ"), an admission request ("ARQ"), an admission confirm ("ACF"), an admission reject ("ARJ"), a location request ("LRQ"), a location confirm ("LCF"), a location reject ("LRJ"), a disconnect request ("DRQ"), and other similar signaling information. The logging engine 195 also records other communication details such as information which is contained in message headers, E.G., the IP address or other network identifying address of end points, call mediators, or customer sites associated with a communication. In some embodiments, the logging engine 195 records communication details such as the duration or the amount of bandwidth used by a communication. In other embodiments, the logging engine 195 records a termination cause code or other information contained in a DRQ or other message header as further described in Application No. [_____]

10/629,521 SYSTEM AND METHOD FOR MONITORING COMMUNICATIONS IN A

NETWORK, filed concurrently herewith, which is hereby incorporated herein by reference in its entirety.

Amendment to the claims:

Claim 1: (Currently Amended) A computerized method for generating reports in a packet switched network, the method comprising:

processing a communication at a first enterprise gatekeeper;
storing, in memory accessible to the first enterprise gatekeeper, information associated with the communication;

wherein storing information associated with the communication comprises
storing an identifier associated with a geographic site, and

wherein storing an identifier associated with a geographic site comprises
storing an identifier associated with a business establishment;

parsing the information associated with the communication; and
providing an indication of the parsed information.

Claim 4: Canceled.

Claim 5: Canceled.

Claim 13: line 1, insert -- further -- before "comprising".

Claim 16: line 1, insert -- further -- before "comprising".

Claim 18: line 1, insert -- further -- before "comprising".

Claim 20: (Currently Amended) A computerized system for generating reports in a packet switched network, the system comprising:

a first enterprise gatekeeper communicatively coupled to a reporting server;

wherein the first enterprise gatekeeper is programmed to process a communication at the first enterprise gatekeeper and store, in memory accessible to the first enterprise gatekeeper, information associated with the communication; and

wherein the information associated with the communication comprises an identifier associated with a geographic site and a business establishment; and

wherein the reporting server is programmed to parse the information associated with the communication and provide an indication of the parsed information.

Claim 23: Canceled.

Claim 24: Canceled.

Claim 35: line 1, insert -- further -- before "comprising"

Claim 37: line 1, replace "method" with -- system--, and insert -- further -- before "comprising".

Claim 38: line 1, replace "method" with -- system--, and insert -- further -- before "comprising".

Allowable Subject Matter

Claims 1-3, 6-22 and 25-38 are allowed.

The following is an examiner's statement of reasons for allowance:

Elliott et al (hereinafter Elliott) Patent No. US 6,335,927 B1, discloses a system and method for providing requested quality of service in a hybrid network. Elliott does not teach or fairly suggest the following features, which are recited in each independent claim of the present application:

A computerized method for generating reports in a packet switched network, the method comprising:

processing a communication at a first enterprise gatekeeper;

storing, in memory accessible to the first enterprise gatekeeper, information associated with the communication;

wherein storing information associated with the communication comprises storing an identifier associated with a geographic site, and

wherein storing an identifier associated with a geographic site comprises storing an identifier associated with a business establishment;

parsing the information associated with the communication; and

providing an indication of the parsed information as recited in claims 1 and 20.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following references are cited to further show the state of the art with respect to the application:

Fernald et al., US PG-PUB 2004/0003070 A1, "Centrally controlled end-to-end service quality monitoring system and method in a distributed environment."

Karpov et al., US PG-PUB 2006/0146784 A1, "System and method for monitoring a voice over Internet Protocol (VoIP) system."

Moore et al., US PG-PUB 2003/0185232 A1, "Communications gateway with messaging communications interface."

Takeda et al., US PG-PUB 2003/0225912 A1, "Address translation equipment, terminal equipment and mobile communication method."


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai D. Hoang whose telephone number is (571) 272-3184. The examiner can normally be reached on Monday-Friday 10:00am-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on (571) 272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2616

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thai Hoang/


CHI PHAM
SUPERVISORY PATENT EXAMINER
6/8/08